

Vapor Recovery Rulemaking Workshop February 16, 2006

California Air Resources Board

Vapor Recovery Workshop

February 16, 2006

Agenda

- Update on CP-201 Changes
- Projected Rulemaking Schedule

Update on CP-201 Changes
Section 2 and Section 19
Commercial Availability

- Section 2 –System
 - 1st system certified after an amended/new standard
 - Delivered within 8 weeks
 - Less than 3 times the cost identified in the EVR Staff Report
- Section 19 – Replacement Component
 - Delivered within 3 weeks

Update on CP-201 Changes

Table 3-1, Section 3.5.2
P/V Valve Specifications

P/V Valve Leakrates:

≤ 0.17 CFH at +2.0 inches H₂O

$\leq \underline{0.63}$ ~~0.24~~ CFH at -4.0 inches H₂O

Update on CP-201 Changes

P/V Valve Testing Certification Site Requirements

- Phase I Systems
 - Section 3.5 and 13.1.7
 - 3 P/V valves (for representativeness)
- Phase I component modifications
 - Section 13.1.7
 - 1 to 3, depending on the component
- Phase II Systems
 - Section 13.1.8
 - 1 to 3 (whatever the District requires)

Update on CP-201 Changes

Table 4-1 and Section 4.3 Spillage Standard

- Spillage Standard
 - 0.24 pounds/1,000 gallons (no change)
- Spillage Testing
 - ~~1,000~~ 600 refueling operations
 - ~~400~~ 240 fill-ups

Update on CP-201 Changes

Section 4.5

Phase II Compatibility with Phase I

- Remove reference to “Excess Emissions”
- Require Phase I testing to determine compatibility
- Phase I system subject to the Table 3-1 standards and specifications
 - (during Phase II system certifications)

Update on CP-201 Changes

Section 13

Phase I Test Failures

- During Phase II certifications:
 - Replace Phase I component and continue Phase II test
 - Evaluate Phase II data for determination of validity
 - Require an explanation of Phase I test failures
 - Terminate Phase II test if determined that the Phase II operation caused the Phase I failure (incompatibility)

Update on CP-201 Changes

Vapor Return Piping

- D-200, rigid piping
 - remove deflection distance
- CP-201, add to Section 4.12.5 (rigid piping)
 - bend radius > 6 feet
 - deflection distance; max allowable: 9 5/8"
- TP-201.2G, reference CP-201 not D-200

Update on CP-201 Changes

Section 13

Operational Test Site Requirements

- Site Minimum Throughput
 - 150,000 gallons per month
 - Demonstrated over 6 sequential months for the application
 - Most current available data in preliminary application
 - Must also comply for the 6 months prior to start of testing
- Operational Test
 - minimum of 180 days; and
 - minimum of 900,000 gallons of gasoline

Other Changes

- D-200
 - compliance testing (currently revising)
 - engineering evaluation (added)
- Non-substantive changes

Projected Rulemaking Schedule

February 24, 2006

- Comments due on proposed changes

April 7, 2006

- Release staff proposal and start 45-day comment period

May 25-26, 2006

- Board hearing

Contacts

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Vapor Recovery Information

<http://www.arb.ca.gov/vapor/vapor.htm>